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Amendments to the Claims

This listing of claims replaces all prior versions and listings of claims in the application.

Listing of Claims

- 1-39. (Canceled)
- 40. (Currently Amended) A light emitting device comprising:
- an electroluminescent element using a luminescent material in which electroluminescence is obtained by triplet excitation;
 - a transistor electrically connected to the electroluminescent element;
- a driver circuit configured to apply digital signals to a gate electrode of the transistor; and
- a power source electrically connected to the electroluminescent element via the transistor, configured to apply an operation voltage of the electroluminescent element which is 10 V or less,
- wherein the electroluminescent element is configured to obtain a luminous efficiency of 9%.
- 41. (Previously Presented) A device according to claim 40, wherein the transistor is a thin film transistor.
- (Previously Presented) An electrical appliance using the light emitting device according to claim 40.
- 43. (Previously Presented) A portable telephone using the light emitting device according to claim 40.

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44. (Previously Presented) A digital camera using the light emitting device according to claim 40.

- 45. (Previously Presented) An audio equipment using the light emitting device according to claim 40.
- 46. (Previously Presented) A wireless portable equipment using the light emitting device according to claim 40.
 - 47. (Previously Presented) A light emitting device comprising:
 - a transistor:
 - an electroluminescent element electrically connected to the transistor;
- a driver circuit configured to apply digital signals to a gate electrode of the transistor; and
- a power source electrically connected to the electroluminescent element via the transistor, configured to apply an operation voltage of the electroluminescent element which is 10 V or less,

wherein the electroluminescent element includes a thin film including a luminescent material expressed by a following formula:

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48. (Previously Presented) A device according to claim 47, wherein said M is an element selected from the group consisting of nickel, cobalt and palladium.

- 49. (Previously Presented) A device according to claim 47, wherein the transistor is a thin film transistor.
- (Previously Presented) An electrical appliance using the light emitting device according to claim 47.
- (Previously Presented) A portable telephone using the light emitting device according to claim 47.
- (Previously Presented) A digital camera using the light emitting device according to claim 47.
- 53. (Previously Presented) An audio equipment using the light emitting device according to claim 47.
- 54. (Previously Presented) A wireless portable equipment using the light emitting device according to claim 47.
 - 55. (Currently Amended) A light emitting device comprising:
 - a transistor;
 - an electroluminescent element electrically connected to the transistor;
- a driver circuit configured to apply digital signals to a gate electrode of the transistor;
- a power source electrically connected to the electroluminescent element via the transistor, configured to apply an operation voltage of the electroluminescent element which is 10 V or less.

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wherein the electroluminescent element is configured to obtain a luminous efficiency of 9%,

wherein the electroluminescent element includes a thin film including a luminescent material expressed by a following formula:



wherein M represents an element belonging to group 8 to 10 of the periodic table.

- 56. (Previously Presented) A device according to claim 55, wherein said M is an element selected from the group consisting of nickel, cobalt and palladium.
- 57. (Previously Presented) A device according to claim 55, wherein the transistor is a thin film transistor.
- 58. (Previously Presented) An electrical appliance using the light emitting device according to claim 55.
- (Previously Presented) A portable telephone using the light emitting device according to claim 55.
- 60. (Previously Presented) A digital camera using the light emitting device according to claim 55.
- (Previously Presented) An audio equipment using the light emitting device according to claim 55.

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 (Previously Presented) A wireless portable equipment using the light emitting device according to claim 55.

- 63. (Previously Presented) A light emitting device according to claim 40, wherein the semiconductor component is operated by time division driving method.
- 64. (Previously Presented) A light emitting device according to claim 47, wherein the semiconductor component is operated by time division driving method.
- 65. (Previously Presented) A light emitting device according to claim 55, wherein the semiconductor component is operated by time division driving method.
 - 66. (Currently Amended) A light emitting device comprising: an electroluminescent element comprising:
 - a first electrode;
 - a second electrode; and
- a luminescent material interposed between the first electrode and the second electrode;
 - a transistor having a source region, a drain region and a gate electrode;
- a driver circuit configured to apply digital signals to the gate electrode of the transistor; and
- a power source electrically connected to the first electrode via the transistor, configured to apply an operation voltage of the electroluminescent element which is 10 V or less, wherein the electroluminescent element is configured to obtain a luminous efficiency of 9%.

wherein any one of the source region and the drain region is electrically connected to the first electrode, and

wherein, in the luminescent material, electroluminescence is obtained by triplet excitation.

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67. (Previously Presented) A device according to claim 66, wherein the transistor is a thin film transistor.

- 68. (Previously Presented) An electrical appliance using the light emitting device according to claim 66.
- $69. \mbox{ (Previously Presented)} \ \ \mbox{A portable telephone using the light emitting device} \\ \mbox{according to claim } 66.$
- (Previously Presented) A digital camera using the light emitting device according to claim 66.
- (Previously Presented) An audio equipment using the light emitting device according to claim 66.
- (Previously Presented) A wireless portable equipment using the light emitting device according to claim 66.
 - 73. (Previously Presented) A light emitting device comprising: an electroluminescent element comprising:
 - a first electrode:
 - a second electrode; and
- a luminescent material interposed between the first electrode and the second electrode;
 - a transistor having a source region, a drain region and a gate electrode;
- a driver circuit configured to apply digital signals to the gate electrode of the transistor; and
- a power source electrically connected to the first electrode via the transistor, configured to apply an operation voltage of the electroluminescent element which is 10 V or less,

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wherein the transistor is a p-channel transistor,

wherein any one of the source region and the drain region is electrically connected to the first electrode, and

wherein, in the luminescent material, electroluminescence is obtained by triplet excitation.

74. (Previously Presented) A device according to claim 73.

wherein the first electrode is an anode, and

wherein the second electrode is a cathode.

- 75. (Previously Presented) A device according to claim 73, wherein the transistor is a thin film transistor.
- 76. (Previously Presented) An electrical appliance using the light emitting device according to claim 73.
- 77. (Previously Presented) A portable telephone using the light emitting device according to claim 73.
- 78. (Previously Presented) A digital camera using the light emitting device according to claim 73.
- 79. (Previously Presented) An audio equipment using the light emitting device according to claim 73.
- 80. (Previously Presented) A wireless portable equipment using the light emitting device according to claim 73.
 - 81. (Currently Amended) A light emitting device comprising: an electroluminescent element comprising:

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an anode;

a cathode; and

a luminescent material interposed between the anode and the cathode;

a transistor having a source region, a drain region and a gate electrode;

a driver circuit configured to apply digital signals to the gate electrode of the transistor; and

a power source electrically connected to the anode via the transistor, configured to apply an operation voltage of the electroluminescent element which is $10\,\mathrm{V}$ or less,

wherein the electroluminescent element is configured to obtain a luminous efficiency of 9%,

wherein any one of the source region and the drain region is electrically connected to the anode, and

wherein, in the luminescent material, electroluminescence is obtained by triplet excitation.

- 82. (Previously Presented) A device according to claim 81, wherein the transistor is a p-channel transistor.
- 83. (Previously Presented) A device according to claim 81, wherein the transistor is a thin film transistor.
- 84. (Previously Presented) An electrical appliance using the light emitting device according to claim 81.
- 85. (Previously Presented) A portable telephone using the light emitting device according to claim 81.
- 86. (Previously Presented) A digital camera using the light emitting device according to claim 81.

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87. (Previously Presented) An audio equipment using the light emitting device according to claim 81.

- 88. (Previously Presented) A wireless portable equipment using the light emitting device according to claim 81.
 - 89. (Currently Amended) A light emitting device comprising:

an electroluminescent element comprising:

- a first electrode;
- a second electrode; and
- a luminescent material interposed between the first electrode and the second electrode;
 - a transistor having a source region, a drain region and a gate electrode;
- a driver circuit configured to apply digital signals to the gate electrode of the transistor; and
- a power source electrically connected to the first electrode via the transistor, configured to apply an operation voltage of the electroluminescent element which is 10 V or less, wherein the electroluminescent element is configured to obtain a luminous efficiency of 9%.
- wherein an LDD region is not particularly provided between the source region and the drain region,

wherein any one of the source region and the drain region is electrically connected to the first electrode, and

wherein, in the luminescent material, electroluminescence is obtained by triplet excitation.

90. (Previously Presented) A device according to claim 89, wherein the transistor is a thin film transistor.

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 (Previously Presented) An electrical appliance using the light emitting device according to claim 89.

- (Previously Presented) A portable telephone using the light emitting device according to claim 89.
- 93. (Previously Presented) A digital camera using the light emitting device according to claim 89.
- 94. (Previously Presented) An audio equipment using the light emitting device according to claim 89.
- 95. (Previously Presented) A wireless portable equipment using the light emitting device according to claim 89.
- 96. (Previously Presented) The light emitting device according to claim 40, wherein the power source is configured to apply an operation voltage of the electroluminescent element which is 7.5 V or less.
- 97. (Previously Presented) The light emitting device according to claim 40, wherein the power source is configured to apply an operation voltage of the electroluminescent element which is 5 V or less.
- 98. (Previously Presented) The light emitting device according to claim 47, wherein the power source is configured to apply an operation voltage of the electroluminescent element which is 7.5 V or less.
- 99. (Previously Presented) The light emitting device according to claim 47, wherein the power source is configured to apply an operation voltage of the electroluminescent element which is 5 V or less.

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100. (Previously Presented) The light emitting device according to claim 55, wherein the power source is configured to apply an operation voltage of the electroluminescent element which is 7.5 V or less.

- 101. (Previously Presented) The light emitting device according to claim 55, wherein the power source is configured to apply an operation voltage of the electroluminescent element which is 5 V or less.
- 102. (Previously Presented) The light emitting device according to claim 66, wherein the power source is configured to apply an operation voltage of the electroluminescent element which is 7.5 V or less.
- 103. (Previously Presented) The light emitting device according to claim 66, wherein the power source is configured to apply an operation voltage of the electroluminescent element which is 5 V or less.
- 104. (Previously Presented) The light emitting device according to claim 73, wherein the power source is configured to apply an operation voltage of the electroluminescent element which is 7.5 V or less.
- 105. (Previously Presented) The light emitting device according to claim 73, wherein the power source is configured to apply an operation voltage of the electroluminescent element which is 5 V or less.
- 106. (Previously Presented) The light emitting device according to claim 81, wherein the power source is configured to apply an operation voltage of the electroluminescent element which is 7.5 V or less.

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107. (Previously Presented) The light emitting device according to claim 81, wherein the power source is configured to apply an operation voltage of the electroluminescent element which is 5 V or less.

108. (Previously Presented) The light emitting device according to claim 89, wherein the power source is configured to apply an operation voltage of the electroluminescent element which is 7.5 V or less.

109. (Previously Presented) The light emitting device according to claim 89, wherein the power source is configured to apply an operation voltage of the electroluminescent element which is 5 V or less.